



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box 509
1652
JFW

Application No: 09/976,059
Applicant: Chris M. Farnet et al.
Filed: October 15, 2001
Title : GENE ENCODING A NONRIBOSOMAL
PEPTIDE SYNTHETASE FOR THE PRODUCTION
OF RAMOPLANIN
Customer No.: 30198

TC/A.U.: 1652
Examiner: Kathleen M. Kerr

Attorney Docket No: 3002-2US

TRANSMITTAL LETTER

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Enclosed for filing in the above patent applications, please find the following:

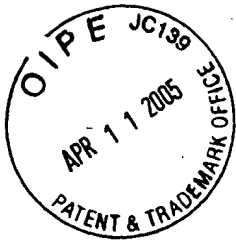
1. a Reply to Office communication mailed March 10, 2005 enclosing Raw Sequence Listing Error Report (2 pages);
2. a Substitute Sequence Listing, including paper copy of Sequence Listing (160 pages), computer-readable copy of Sequence Listing (one diskette) and Statement under 37 CFR 1.821(f);
3. an acknowledgment Postcard

The Commission is hereby authorized to charge any fees in connection with the above to Deposit Account 501784. A duplicate copy of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Ywe J. Looper
Reg No. 43,758
Customer No. 30198
Ecopia BioSciences Inc.

Date: April 8, 2005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Chris M. Farnet et al.

Serial No.: 09/976,059

Filed: Oct. 15, 2001

Examiner: Kathleen M. Kerr

Group Art Unit: 1652

Attorney docket no. 3002-2US
(formerly 3019-US)

For: GENE ENCODING A NONRIBOSOMAL PEPTIDE SYNTHETASE FOR THE
PRODUCTION OF RAMOPLANIN

REPLY TO RAW SEQUENCE LISTING ERROR REPORT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant refers to the Office communication mailed on March 10, 2005 enclosing a Raw Sequence Listing Error Report. The Error Report relates to defects identified in the Sequence Listing filed with applicant's letter dated February 8, 2005 (received February 10, 2005). Applicant submits herewith a substitute Sequence Listing correcting the deficiencies identified in the Error Report, as follows:

- in SEQ ID NO: 44, the data element in numeric identifier <213> reading "unknown" is amended to read "artificial" and new numeric identifiers <221>, <222> and <223> are introduced describing the sequence as a His binding motif of the active site of NRPS condensation domains;
- in SEQ ID NO: 45, the data element in numeric identifier <213> reading "unknown" is amended to read "artificial" and new numeric identifiers <221>, <222> and <223> are introduced describing the sequence as an N-oligo PCT primer;

- in SEQ ID NO: 46, the data element in numeric identifier <213> reading "unknown" is amended to read "artificial" and new numeric identifiers <221>, <222> and <223> are introduced describing the sequence as a C-oligo PCR primer.

The substitute Sequence Listing has been checked with the Sequence Listing Checker Version 4.2.2 Program on the USPTO website and no error were identified. Applicant believes that the Substitute Sequence Listing complies with 37 CFR 1.821-1.825.

A paper copy (160 pages) of the Substitute Sequence Listing of SEQ ID NOS: 1-46 is enclosed, as well as a computer readable copy on a diskette in ASCII format are enclosed. Pursuant to 37 CFR 1.825(b), applicant states that the contents of the Substitute Sequence Listing on the enclosed diskette are the same as the contents of the paper copy thereof.

Applicant believes that the present no extension of time is required for filing of the reply. However, in the event the present reply is received after April 10, 2005 applicant herewith petitions the Director of the United States Patent and Trademark Office to extend the time for reply for one-month and to charge the cost of the extension to Deposit Account 501784. Any deficiency or overpayments should be charged or credited to the above numbered deposit account.

Respectfully submitted,



Ywe J. Looper
Reg. No. 43,758

Dated: April 8, 2005

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